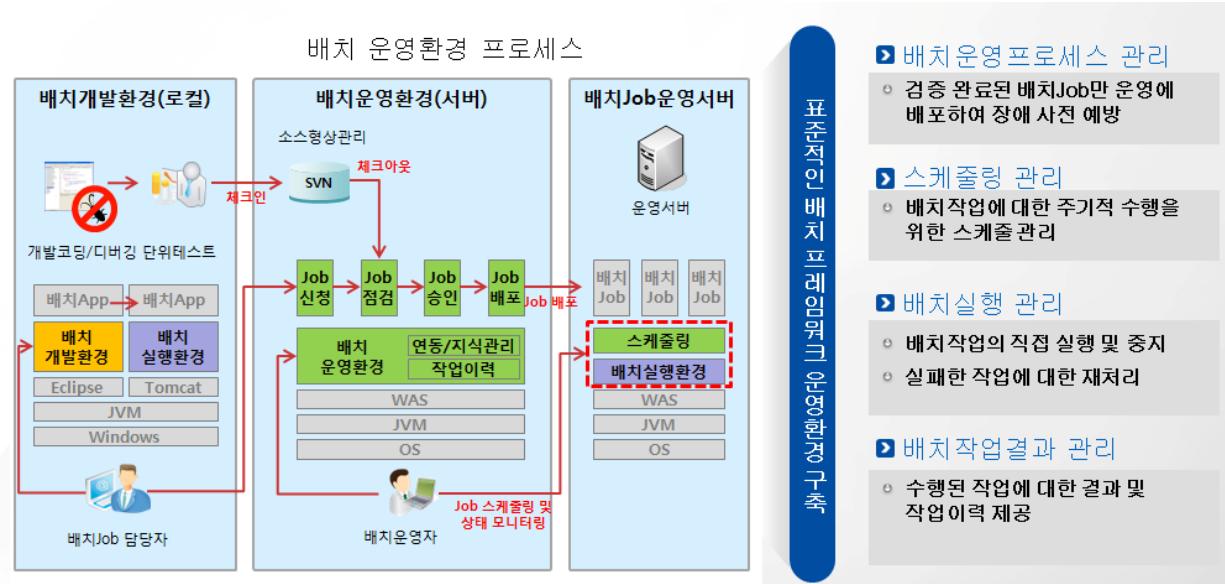


# Outline

Spring offers registration/execution of batch jobs, monitoring of execution status and confirmation of results in batch development / execution environments, for highly standardized operation environment.



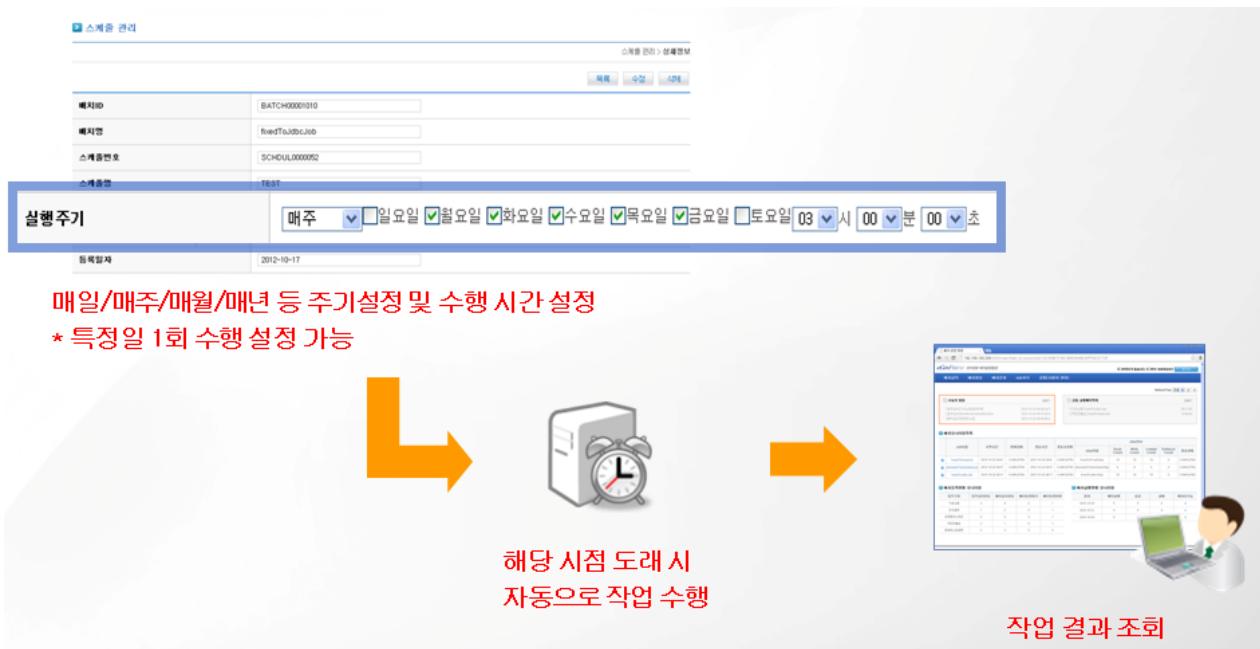
## Managing Batch Operation Processes

The standardized batch screening distribution process is applied to selectively distribute the batch jobs verified and approved, effectively preventing errors.



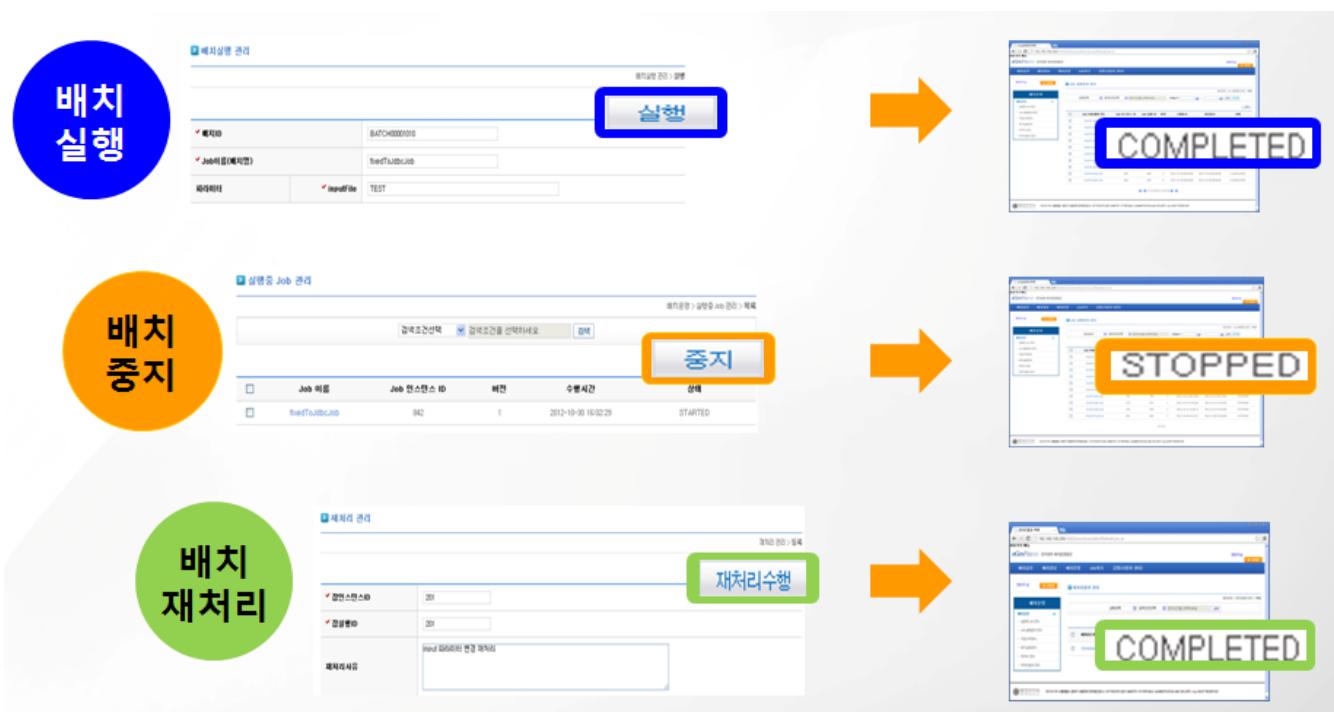
## Managing Batch Scheduling

The batch job execution interval is configured for management of batch scheduling for scheduled implementation of Jobs.



## Execution Management for Batch

You can execute on-line batch jobs, stop processing of batch jobs and re-process the batches fallen through.



## Management of Batch Result

You can keep the result of jobs executed on-line and the scheduled batch jobs monitored.

The screenshot shows two windows. The left window is titled '실패한 배치 Job에 대한 상세정보' (Detailed Information about Failed Batch Job) and displays a table with job details. The right window is titled 'Step 수행결과 조회' (Check Step Execution Result) and shows a detailed log of the execution steps.

Job이름	시작시간	현재상태	종료시간	종료상태
delimitedioJob	2012-10-16 12:32	COMPLETED	2012-10-16 12:32	COMPLETED
delimitedioJob	2012-10-16 12:32	COMPLETED	2012-10-16 12:32	COMPLETED
fixedToJdbcJob	2012-10-15 14:52	FAILED	2012-10-15 14:52	FAILED

**Step 정보**

step이름	Read Count	Write Count	Commit Count	Rollback Count	종료상태
delimitedioJob.delimitedioStep1	6	6	4	0	COMPLETED
delimitedioJob.delimitedioStep1	6	6	4	0	COMPLETED
fixedToJdbcStep	0	0	0	0	FAILED

## Batch Result Alert

The batch operators and managers are kept alerted via SMS or e-Mail upon completion of a batch job.

The screenshot shows a table of jobs and a configuration screen for alert settings. A red dashed box highlights the 'fixedToJdbcJob' row in the table. The configuration screen shows the '알림 대상' (Alert Recipients) section where 'SMS' and 'E-Mail' checkboxes are checked, and recipient details like '이용자ID' (User ID), '이용자명' (User Name), '휴대폰번호' (Mobile Number), and '이메일' (Email) are listed.

Job이름	시작시간	현재상태	종료시간	종료상태
delimitedioJob	2012-10-16 12:32	COMPLETED	2012-10-16 12:32	COMPLETED
delimitedioJob	2012-10-16 12:32	COMPLETED	2012-10-16 12:32	COMPLETED
fixedToJdbcJob	2012-10-15 14:52	FAILED	2012-10-15 14:52	FAILED

**10월31일 금여이체 월배지  
작업이 정상완료하였습니다.**

**SMS**      **e-Mail**

**작업 종료 시 결과 알림**

## Menu Structure

Batch Operation Environment comprises a total of five menus being Batch Screening, Batch Information, Batch Operation, Knowledges for Job and Administrator Menu and is administered by the person authorized as either batch operator or batch manager.

**배치설정**    **배치정보**    **배치운영**    **Job지식**    **관리자메뉴**

**오늘의 할일**

- [업무설정]기초노출설정이미체
- [업무설정]treadTabcJob
- [업무설정]treadTabInJob
- [배치설정]만별워크플

**금일 실행 배치목록**

- [기초노출] treadTabcJob
- [주간전출입] treadTabInJob

**배치모니터링목록**

Job제목	시작시간	현재상태	종료시간	종료상태	step명	Read Count	Write Count	Comm Count	Rollback Count	종료상태
treadTabcJob	2012-10-22 09:17	COMPLETED	2012-10-22 09:17	COMPLETED	treadTabbcStep	10	10	10	0	COMPLETED
treadTabcJob	2012-10-22 09:14	COMPLETED	2012-10-22 09:14	COMPLETED	treadTabbcStep	10	10	10	0	COMPLETED
treadTabcJob	2012-10-22 08:57	COMPLETED	2012-10-22 08:57	COMPLETED	treadTabbcStep	10	10	10	0	COMPLETED

#### \* 배치운영자

- 배치설정, 배치실행, 스케줄링, 사용자등록, 승인, 권한부여 등 모든 권한을 가짐

#### \* 배치담당자

- 배치설정의요청/조회, 작업결과 조회, Job지식등록/조회 권한을 가짐

#### [배치설정]

- 업무설정의요청
- 배치설정의요청
- 업무설정의관리
- 배치설정의관리
- 배치설정의관리

#### [배치정보]

- 배치정보관리
- Job상태알림관리
- 스케줄관리
- 스케줄결과관리

#### [배치운영]

- 실행중Job관리
- Job실행결과관리
- 작업이력관리
- 배치실행관리
- 재처리관리
- 재처리결과관리

#### [Job지식]

- Job이슈관리
- Job지식관리
- 사용자관리
- 권한관리
- FTP연동관리
- 공통코드관리
- 메뉴관리

#### [관리자메뉴]